

FIG 1(A)

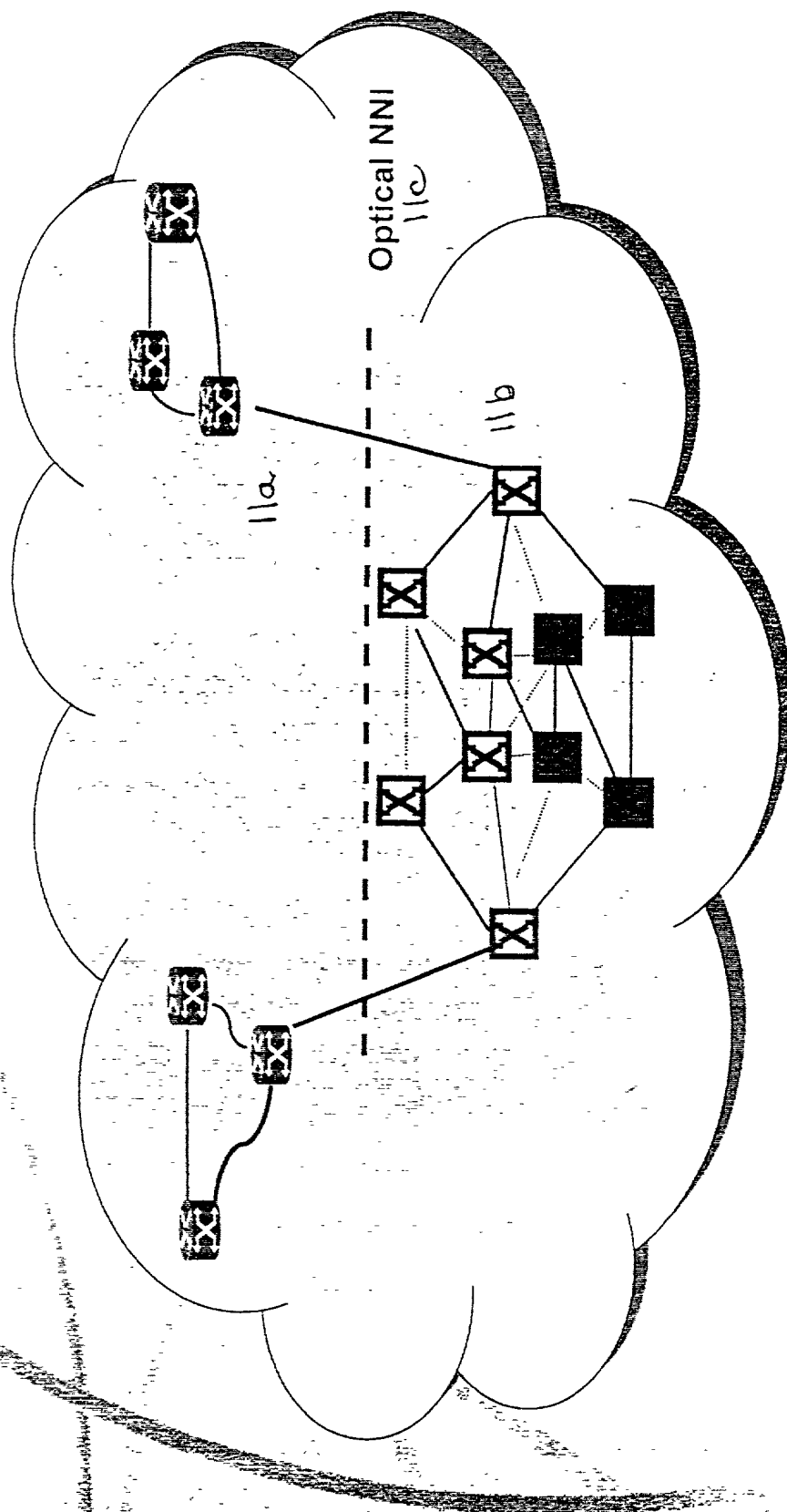


Fig 1(B)

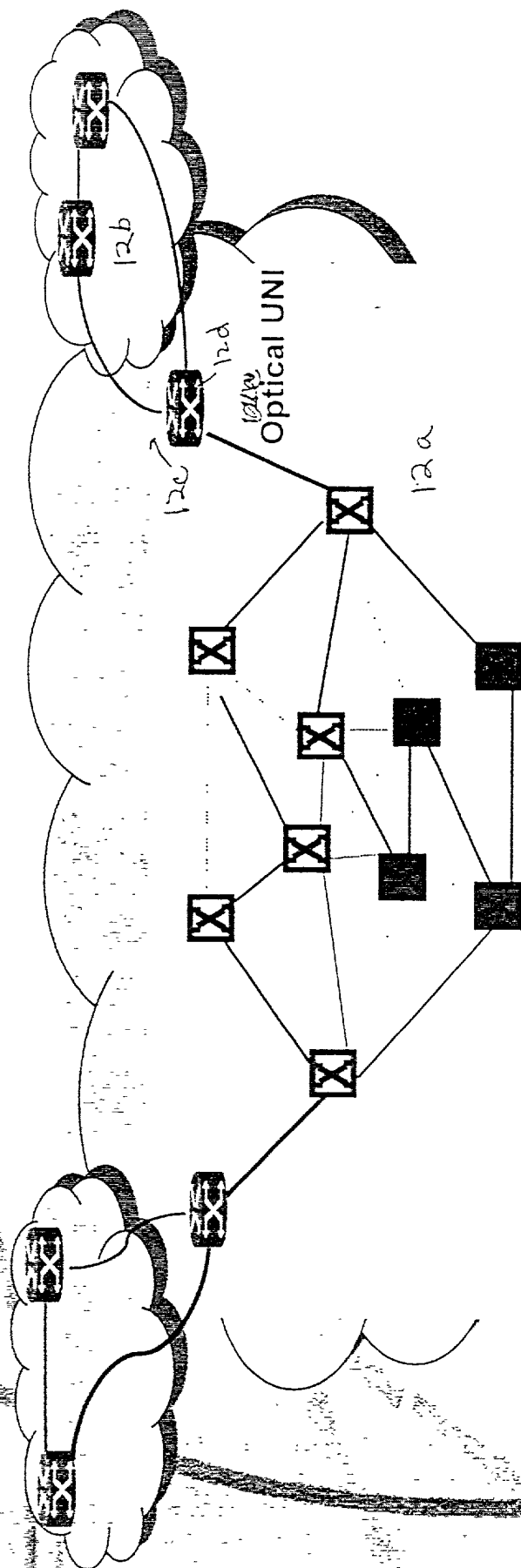


FIG 1(c)

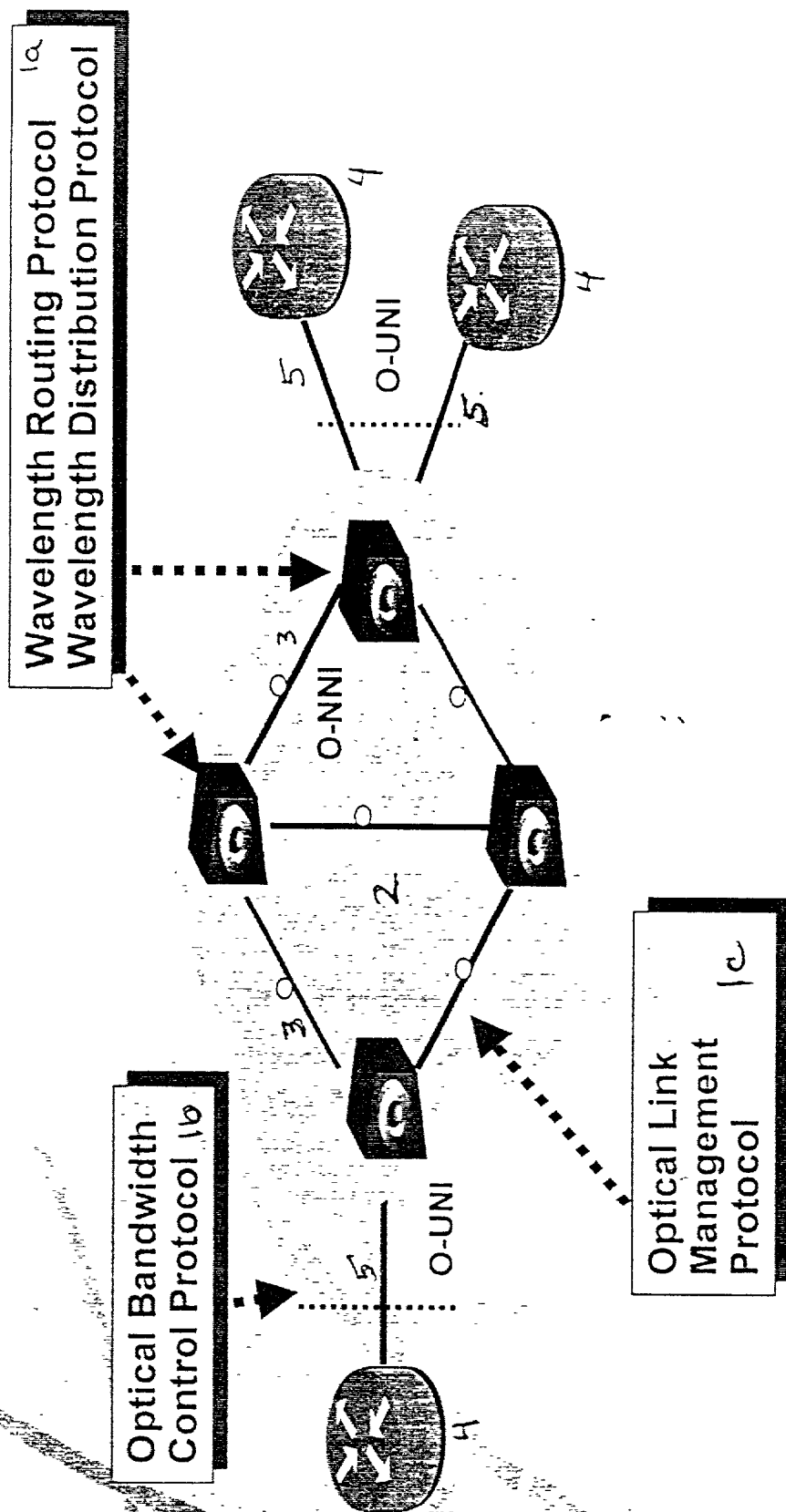


FIG. 2

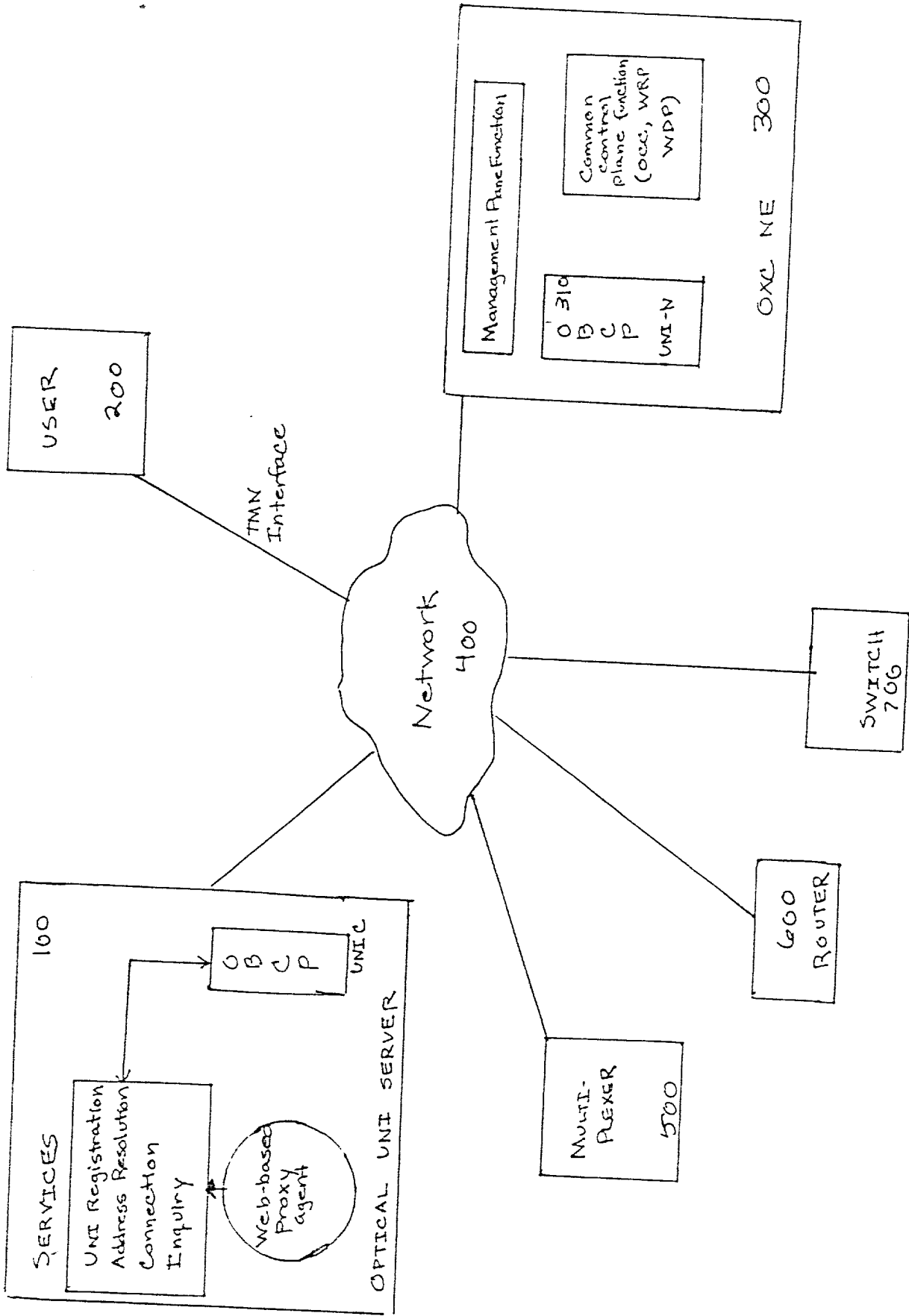


FIG 3

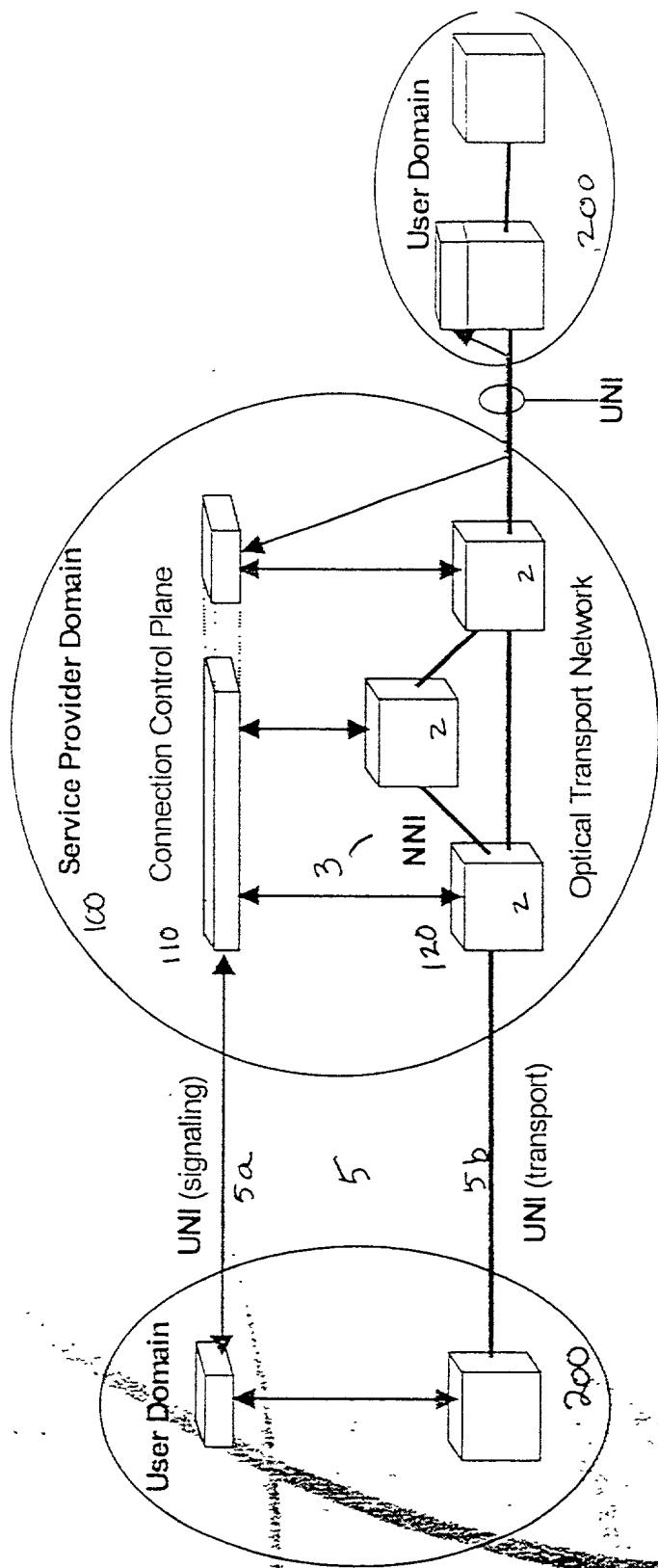


FIG. 4

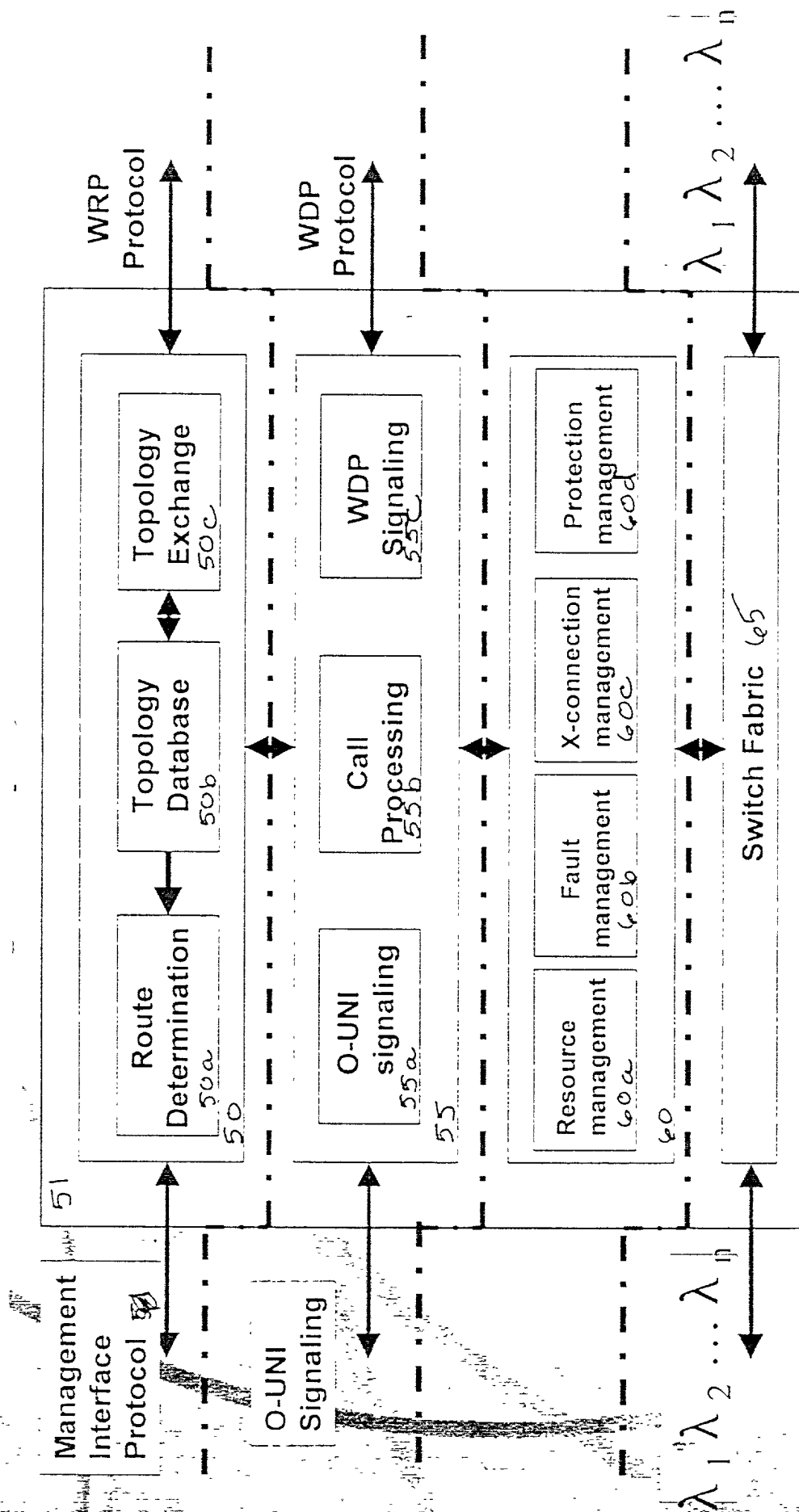


FIG. 6

FIGURE 8

OPTICAL INTERFACE	
DESCRIPTION 110	
USER GROUP ID 114	
USER CONTACT ID 116	
USER SERVICE MODE 118	
OPTICAL LINK	
ADMINISTRATIVE DOMAIN	120
CUSTOMIZED-LINK RELATED (LINK COLOR) 122	
BROADCAST 123	
BLOCK (DEFAULT) 124	
OPTICAL INTERFACE DESCRIPTION 125	
SERVICE TSA 130	
OPTICAL INTERFACE DESCRIPTION	TLV 132 INCLUDING
USER SERVICE TYPE (ATM, IS, etc.)	
CONTROL PROTOCOL (BGP, PNNI, etc.)	
FRAMING PROTOCOL (GE, OX-C, fiber channel, etc., link color)	
LINK COLOR	
OPTICAL INTERFACE DESCRIPTION	

09892569.06200.1

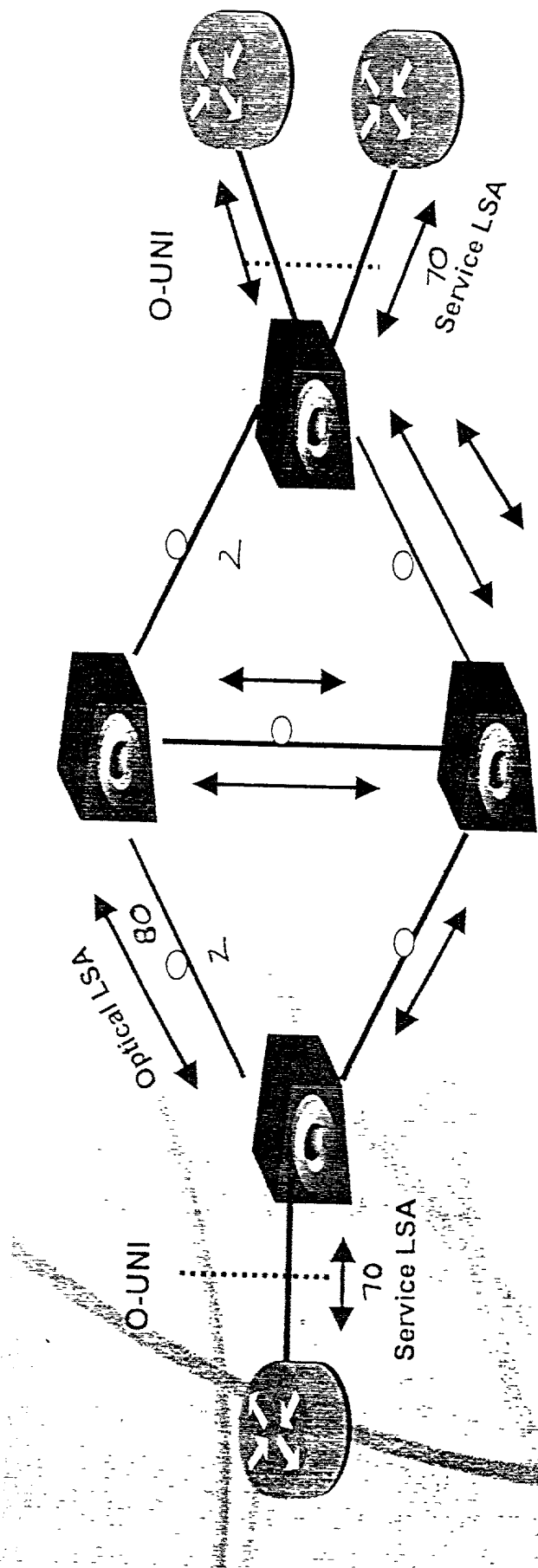


FIGURE 9

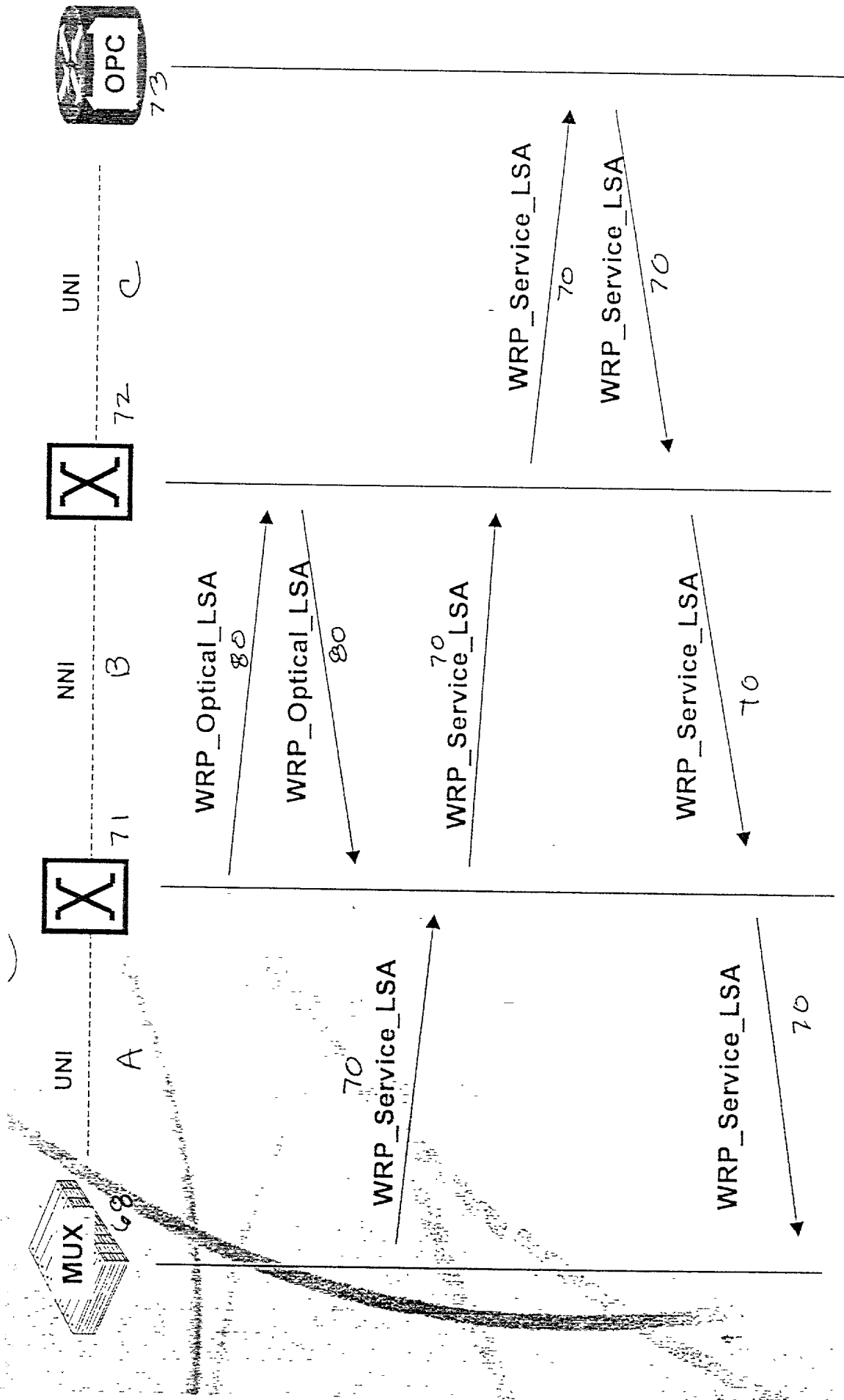


Figure 10

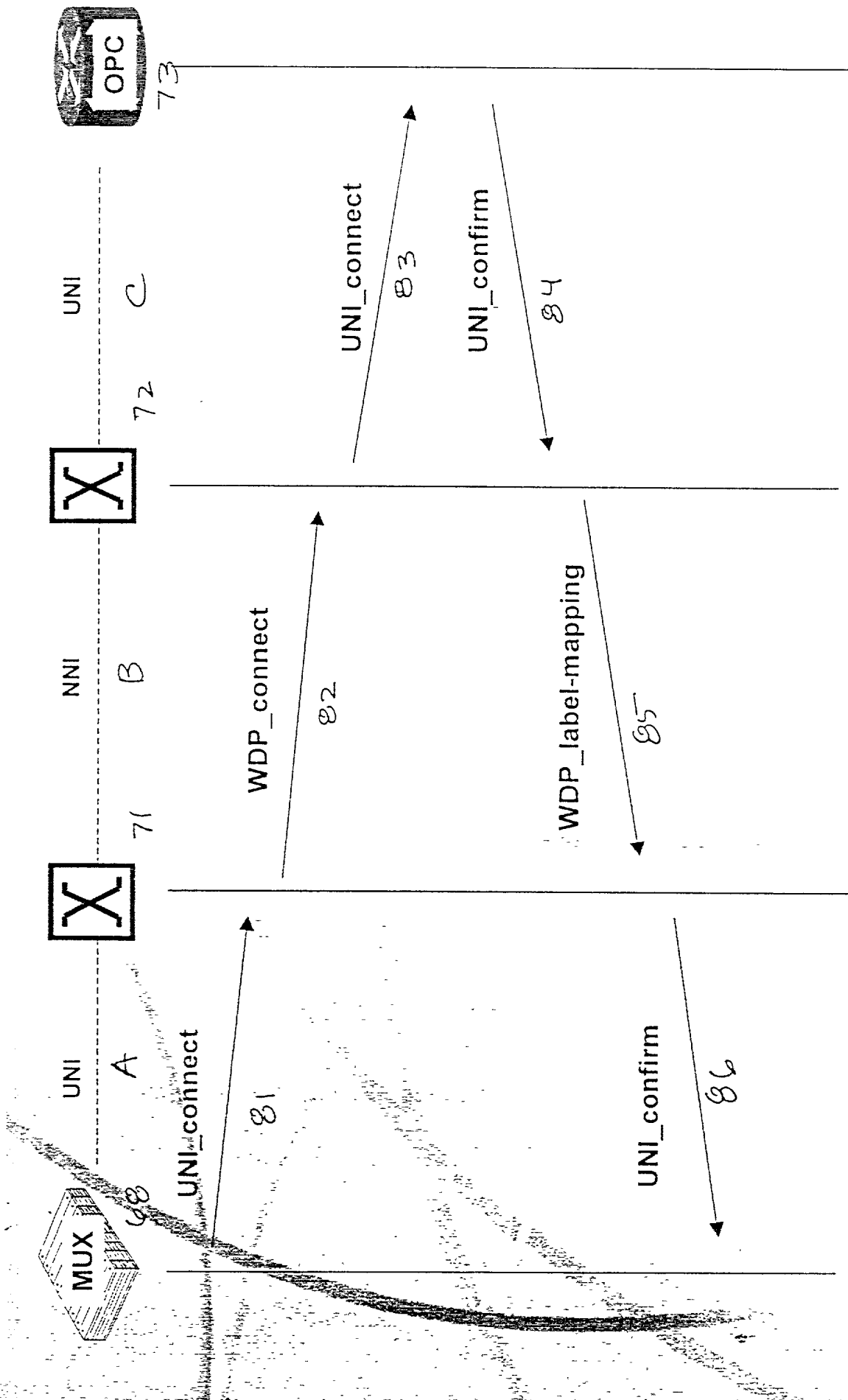


Figure 11

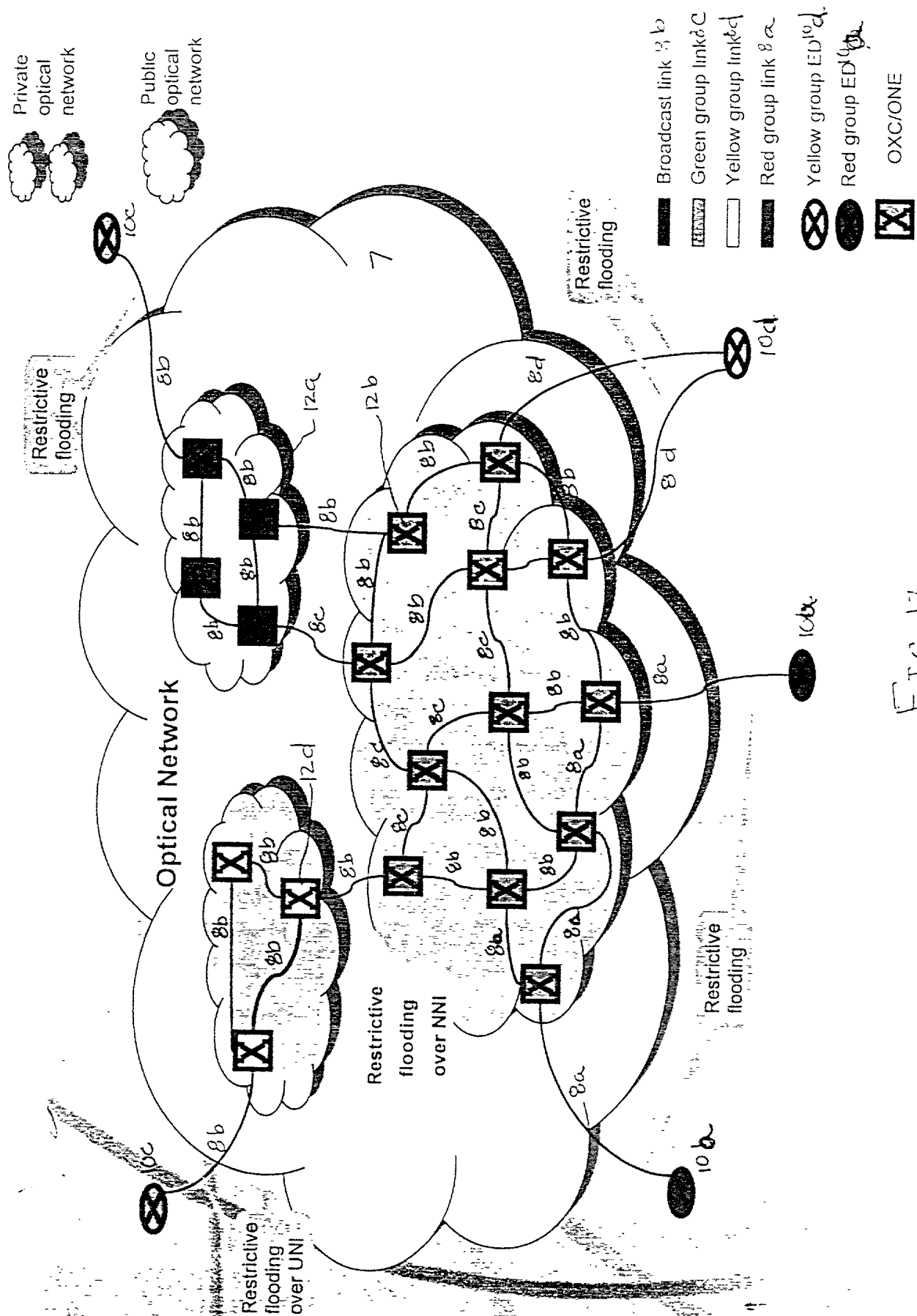


FIG. 12

0592569.052801

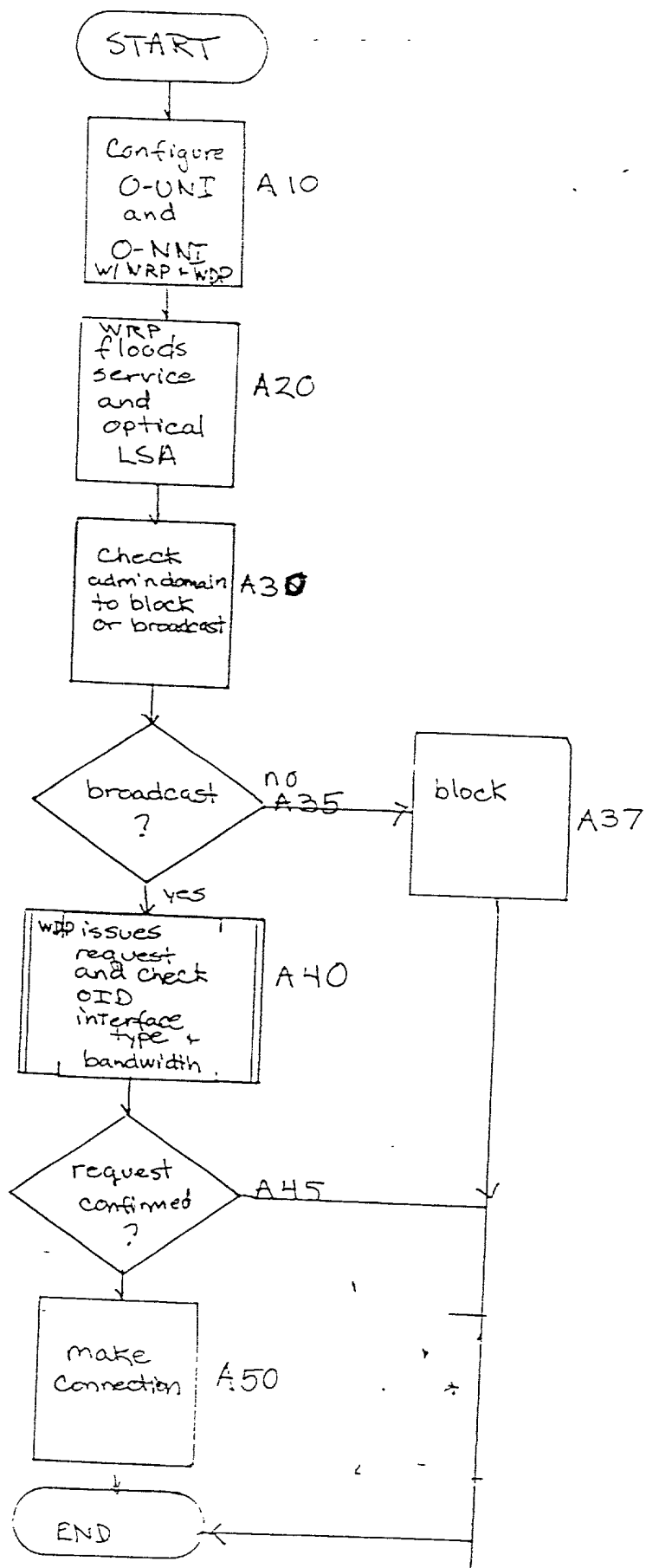


FIG 13

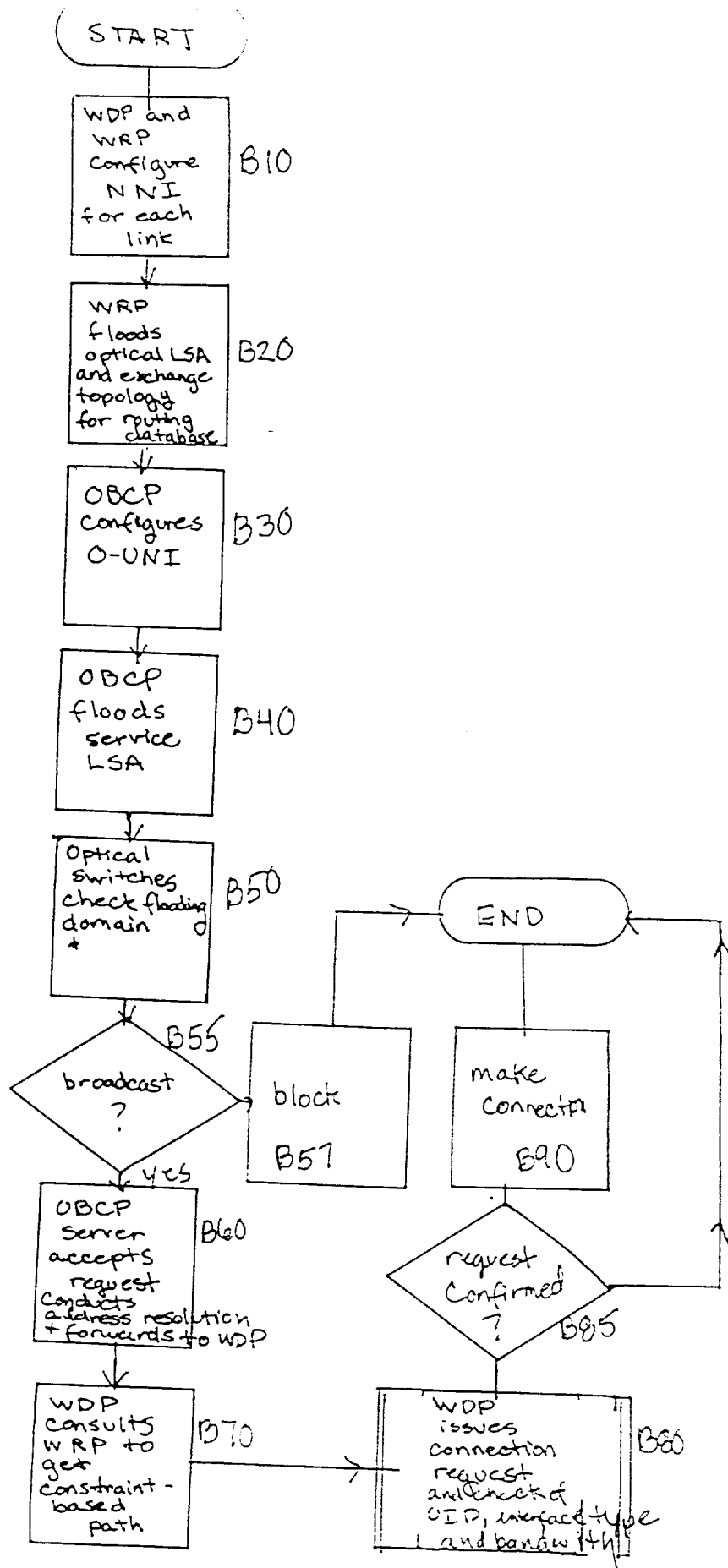


FIG 14

Service mode	Service LSA	Optical LSA	Other LSA
None (0)	B	C	D
A0	Block	Block	Block
Overlay Mode (1)	B0	C0	D0
A1	Flooding	Block	Block
Augmented Mode (2)	B1	C1	D1
A2	Flooding	Flooding	Block
Peer-to-peer Mode (3)	B2	C2	D2
A3	Flooding	Flooding	Flooding
	B3	C3	D3

FIG 15

500

User Name

Mike 501

User Password

***** 502

UNI Server

Kanata 503

OK 504

Cancel 505

FIG 10

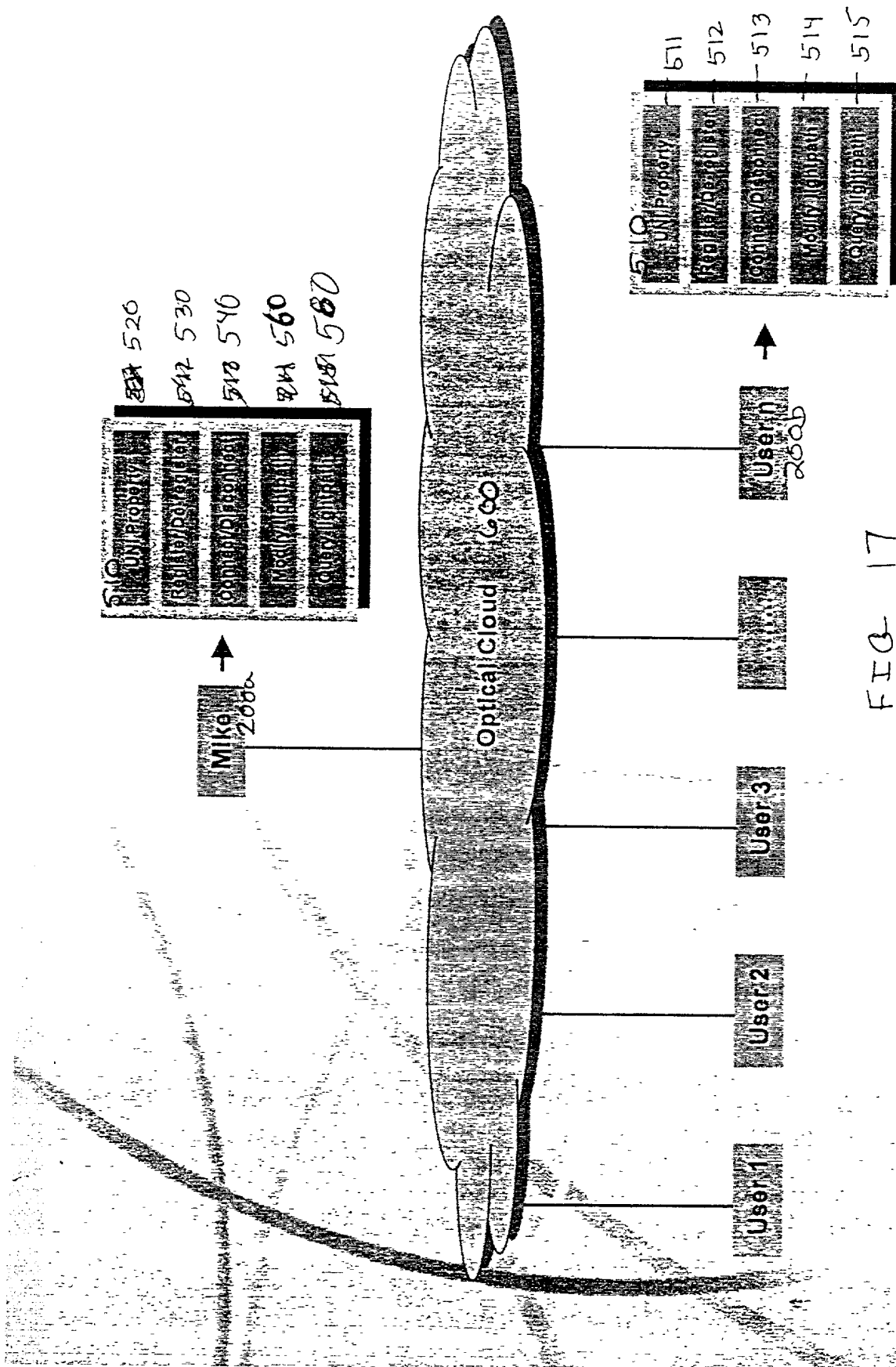
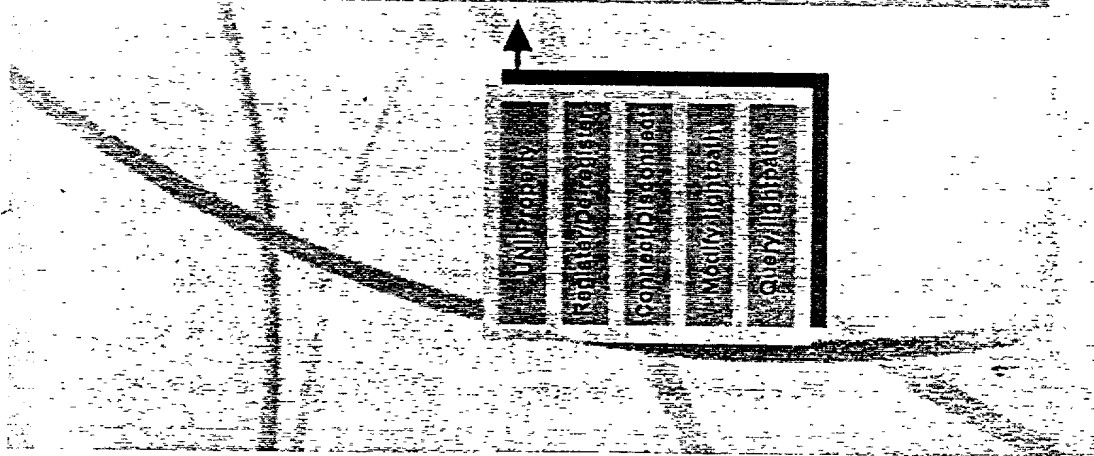


FIG. 17

108290" 69526860



520 User Name: Mike

User ID	47.25.110.10	521	User Group	33:22:67	522
Node Address	47.25.111.1	523	Port ID	6	524
Channel ID	48	525	Sub-channel ID	56	526
Contract ID	1234567890	527	Directionality	Bi-directional	528
Service type	Ethernet	529	Bandwidth	10 G	530

OK 531 Cancel 532

FIG 18

108290" 69526860

520

User Name: Mike

User ID	47.25.110.10	522	User Group	33.22.67	522
Node Address	47.25.111.1	523	Port ID	6	524
Channel ID	48	525	Sub-Channel ID	56	526
Contract ID	1234567890	527	Directionality	Bi-directional	528
Service Type	Ethernet	529	Bandwidth	10G	530

533 Register

534 De-register

- Uninstall
- Register
- Connect
- Modify
- Query

FIG 19

Uninstall

Reinstall

Connect/disconnect

Modify link path

Query link path

Destination User ID

47.25.110.11

47.25.111.21

47.28.10.1

55.25.45.67

101.25.233.201

Source Node: 47.25.110.10

Destination Node: 47.25.111.21

Bandwidth

Link Type

Signaling Type

10G

Ethernet

On-demand

/ Scheduled

Protection

Max Delay

Starting Time

Duration

Gold

10ms

Minute/Hour

DD/MM/YY

Minute/Hour

DD/MM/YY

OK

Cancel

Fig 20

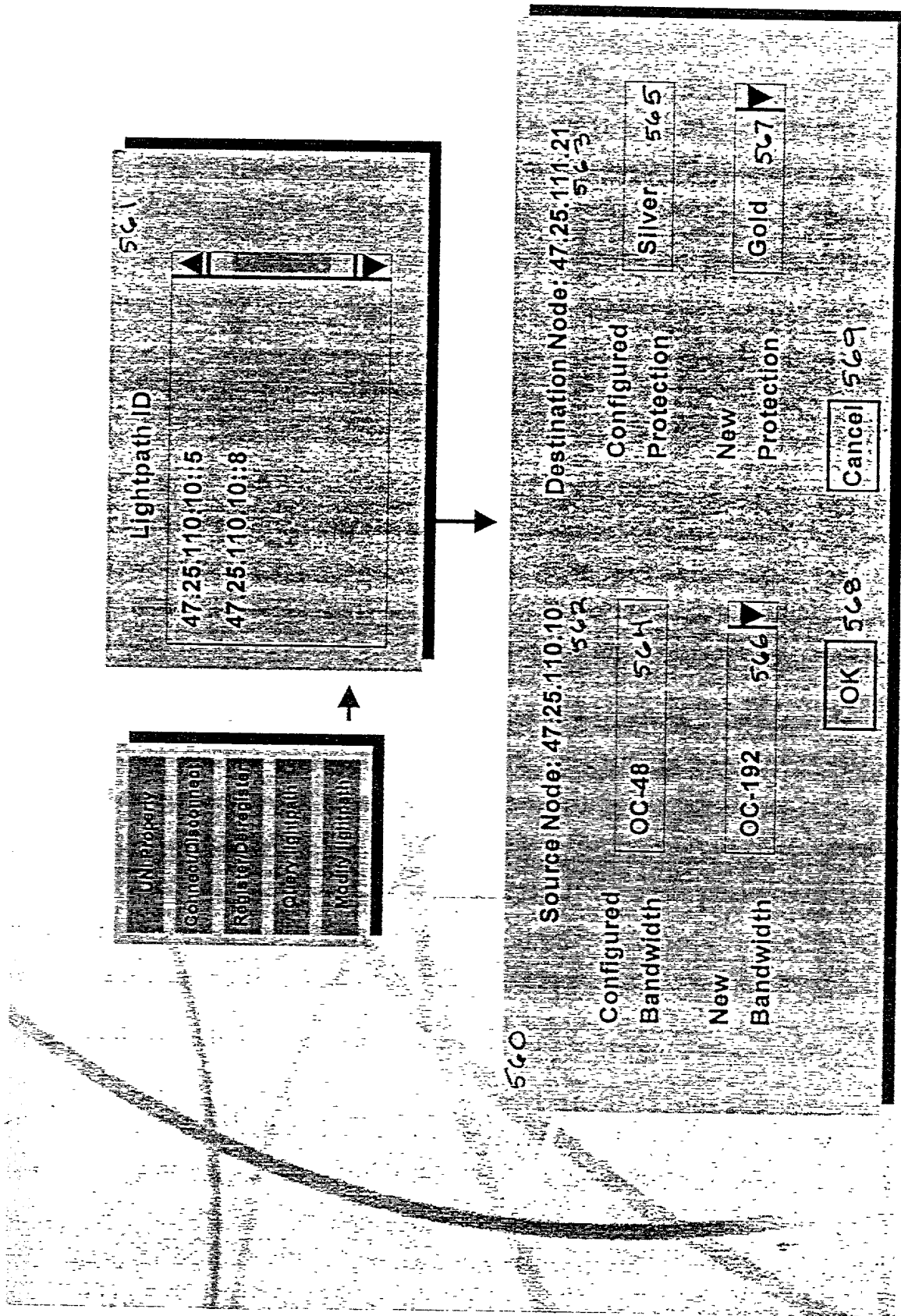


FIG. 21

Source Node: 47.25.110.10 582		Destination Node: 47.25.111.21 583	
Bandwidth	OC-48 584	Protection	Gold 585
Link Type	TDM 586	Max Delay	10ms 587
Signaling Type	On-demand / Scheduled 588	Connected time	128H 37M 589
		Starting From	Minute/Hour DD/MM/YY 590
		Duration	Minute/Hour DD/MM/YY 591
592		593	
OK		Cancel	

22